Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	· · · · · · · · · · · · · · · · · · ·	<u> </u>		T			
UTILITY		Attorney Docket No.		TI-32161	<u>F</u> 6		
PATENT APPLICATION		First Inventor		Rimon Ikeno	رن ن ن ن		
TRANSMITTAL			ligh Speed and C	Compact Overflow Detection for			
(Only for new nonprovisional applications under 37 CFR 1.53(b))			Mail Label No.	EV334467705	7497 <b>7</b>		
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents		ıts	ADDRESS 2	TO: Commissioner for P.O. Box 1450, Ma Alexandria, VA 22	il Stop: Patent Application		
1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)			7.	CD-ROM or CD-R in duplicate, large Computer Program (Appendix)	table or		
2 Applicant cla See 37 CFR	ims small entity status. 1.27.		Nucleotide and/or Amino Acid Sequence Submission 8. (if applicable, all necessary)				
3. X Specification (preferred arran	[ Total Pages ngement set forth below)	32	] ] a.	Computer Readable Form (C	CRF)		
	title of the Invention ence to Related Applications		b. s	Specification Sequence Listing on:			
- Statement R	ence to Related Applications legarding Fed sponsored R & D lo sequence listing, a table,			i. CD-ROM or CD-R (2	copies); or		
or a compute	er program listing appendix of the Invention			ii. paper			
	ary of the Invention iption of the Drawings (if filed)		c.	Statements verifying identity	of above copies		
- Detailed De - Claim(s)			ACC	OMPANYING APPLICA	TION PARTS		
	the Disclosure		9. <b>X</b>	Assignment Papers (cover sheet &	documents(s))		
4. X Drawing(s) (3	35 U.S.C. 113) [ Total Sheets	7	] 10.	37 CFR 3.73(b) Statement (when there is an assignee)	Power of Attorney		
5. Oath or Declaration	[ Total Pages	2	] 11.	English Translation Document (if a	pplicable)		
a. X Newl	y Executed (original or copy)		12.	Information Disclosure Statement (IDS)/PTO-1449	Copies of IDS Citations		
	from a prior application (37 CFR 1.63(d)) ontinuation/divisional with Box 18 completed)		13.	Preliminary Amendment			
i.	DELETION OF INVENTOR(S)		14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR			Certified Copy of Priority Document(s) (if foreign priority is claimed)				
	1.63(d)(2) and 1.33(b).	Request and Certification under 35 U.S.C. 122					
Application F	lata Shoot Soo 37 CER 1 76		(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data Sheet. See 37 CFR 1.76  17. Other:  18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,							
or in an Application Data	Sheet under 37 CFR 1.76:	па зирріу і	ne requisite injorn	nation below and in a prefinithar,	у итепитепі,		
Continuation Divisional Continuation-in-part (CIP)			of prior application No:				
Prior application information: For CONTINUATION OR DIVI disclosure of the accompanying of omitted from the submitted appl	Examiner  SIONAL APPS only: The entire disclosure of the pre- continuation or divisional application and is hereby lication parts	rior application	n, from which an oath on the incorp	Group / Art Unit: or declaration is supplied under Box 5b, is poration <u>can only</u> be relied upon when a p	considered a part of the ortion has been inadvertently		
		RESPONI	ENCE ADDRE	ESS			
X Customer Number or I	Bar Code Label  Ansert Cus	234	194 ttach bar code label here	or Correspondence add	iress below		
NAME Ro	bert D. Marshall, Jr.			ZJ			
ADDRESS							
CITY	STATE			ZIP CODE			
COUNTRY	TELEPHONE	(972) 91	7-5290	FAX (	972)-917-4418		
Name (Print/Type)	Robert D. Marshall, Jr.		Re	gistration No. (Attorney/Agent)	28,527		
Signature	As Pat I Ma		1,	Date	November 21, 2003		

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the includinal case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patient and Tindemark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under	he Paperwork Reduction Act of	of 1995, no	persons are re	quired to re	spond to a col	ection of information unless it displays a valid OME		
SEE TO ANOL	Complete If Known							
FEE TRANSM	Application Number Filing Date First Named Inventor			mber				
for FY 20					November 21, 2003 Rimon Ikeno			
Patent fees are subject to a				entor				
Express Mailing Label No.: EV334467705			Examiner Name		;			
			Group A	Art Unit				
TOTAL AMOUNT OF PAYMENT	(\$) 770.00	Attorney Docket No.		t No.	TI-32161			
METHOD OF PAYME	NT			F	EE CA	LCULATION (continued)		
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:			ADDI	ΓΙΟΝΑ	L FEES			
		_	Large Entity		Small Entity			
Deposit Account No.  20-0668		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Texas Instruments In	cornorated	1051	130	205	65	Surcharge - late filing fee of oath		

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		3.	ADDITIONAL FEES		L FEES		
			Large		Small		
Deposit	20-0668	Fee	Entity Fee	Fee	Entity Fee	Fee Description	Fee
Account No.	20-0008	Code	(\$)	Code	(\$)		Paid
Deposit Texas Instr	uments Incorporated	1051	130	205	65	Surcharge - late filing fee of oath	
Account Name Texas Illstr		1052	50	227	25	Surcharge - late Prov'l filing fee or cover sheet	
		1053	130	139	130	Non-English specification	
Charge Any Additional Fee	Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		2,520	147	2,520	For filing a request for ex parte reexamination	
Applicant claims small entity status. See 37 CFR 1.27			920*	112	920*	Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed:		1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
Check Credit	Money Other	1251	110	215	55	Extension for reply within first month	
card	Order	1252	410	216	195	Extension for reply within second month	
FEE CALCULATION			930	217	445	Extension for reply within third month	
1. BASIC FILING FEE			1,450	218	695	Extension for reply within fourth month	
Large Entity Small Entity		1255	1,970	228	945	Extension for reply within fifth month	
Fee Fee Fee Fee Descripti Code (\$) Code (\$)	ion Fee Paid	1401	320	219	155	Notice of Appeal	
1001 770 201 355 Utility 1	filing fee \$770	1402	320	220	155	Filing a brief in support of an appeal	
1002 330 206 160 Design	filing fee	1403	280	221	135	Request for oral hearing	
1003 520 207 245 Plant fil	ling fee	1451	1,510	138	1,510	Petition to institute a public use proceeding	
1004 750 208 355 Reissue	filing fee	1452	110	240	55	Petition to revive - unavoidable	
1005 160 214 75 Provision	onal filing fee	1453	1,300	241	620	Petition to revive - unintentional	
SUB	TOTAL (1) (\$)770	1501	1,300	242	620	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES		1502	470	243	220	Design issue fee	-0
Extra Claims Fee	from below Fee Paid	1503	630	244	300	Plant issue fee	
Total Claims 7 -20**= 0	x 18 = 0	1460	130	122	130	Petitions to the Commissioner	
Independent Claims  3  -3** = 0	x 86 = 0	1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q)	
Multiple Dependent	270 =	1806	180	126	180	Submission of information Disclosure Stmt	
		8021	40	581	40	Recording each patent assignment per property (times no. of properties)	
Large Entity Small Entity Fee Fee Fee Fee Fee Descri Code (\$) Code (\$)	iption	1809	750	246	355	Filing a submission after final rejection (37 CFR §1.129(a))	
	in excess of 20	1810	750	249	355	For each additional invention to be examined (37 CFR §1.129(b))	
1201 84 202 40 Independe	nt claims in excess of 3	1801	750	279	355	Request for Continued Examination (RCE)	
1204 84 209 40 **Reissue	lependent claim, if not paid independent claims	1802	900	169		Request for expedited examination of a design	
1205 18 210 9 **Reissue	iginal patent claims in excess of 20 r original patent		e (specify)		900	application	
SUBTOTAL (2) (\$) 0			(specify)	-			L
**or number previously paid, if greater; For Reissue, see above			d by Basic F	iling Fee F	Paid	SUBTOTAL (3) (\$)	

SUBMITTED BY

Name (Print/Type)

Robert D. Marshall, Jr.

Regultration No. Adorney/Agent 28,527

Regultration No. Adorney/Agent 28,527

Date November 21, 2003